

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450 www.uspto.gov

Rih Data Sheet

CONFIRMATION NO. 3780

SERIAL NUMB 09/652,862	ER	FILING DATE 08/31/2000 RULE	CLASS 455		GROUP ART UNIT 2617		ATTORNEY DOCKET NO. PD-200084		
APPLICANTS									
Donald C. D. Chang, Thousand Oaks, CA;									
Alan G. Cha, Glendale, CA; Ying Feria, Manhattan Beach, CA;									
** CONTINUING DATA **********************************									
ع م ر									
** FOREIGN APPLICATIONS ************************************									
J BY									
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 10/18/2000									
Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged Allowance Examiner's Signature Initials				STATE OR	SHEETS TO		ТОТ	AL	INDEPENDENT
				COUNTRY CA			CLAII 11		CLAIMS 2
ADDRESS 020991 THE DIRECTV GROUP INC PATENT DOCKET ADMINISTRATION RE/R11/A109 P O BOX 956 EL SEGUNDO, CA 90245-0956									
TITLE Rapid user acquisition by a ground-based beamformer									
					☐ All Fees				
FILING FEE	FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT No for following:				.	1.16 Fees (Filing)			
					IN I	1.17 Fees (Processing Ext. of time)			
1210						☐ 1.18 Fees (Issue)			